

SEQUENCE LISTING

<110> Cedars-Sinai Medical Center
Readhead, Carol W.
Winston, Robert
Koeffler, H. Phillip
Müller, Carsten

<120> Transfection, Storage and Transfer of
Male Germ Cells for Generation of Selectable Transgenic Stem
Cells

<130> P07 41795

<140> Unassigned

<141> 1999-04-15

<150> US 09/191,920

<151> 1998-11-13

<150> US 60/065,825

<151> 1997-11-14

<150> US 09/272,443

<151> 1999-03-19

<150> PCT/US98/24238

<151> 1998-11-13

<160> 32

<170> FastSEQ for Windows Version 3.0

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<211> 1958

<212> DNA

<213> HUMAN

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<220>
 <221> promoter
 <222> (1) ... (1442)
 <221> mutation
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 <212> DNA
 <213> HUMAN

<220>
 <221> promoter
 <222> (1)...(1294)

<221> mutation
 <222> (1279)...(1279)

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 <212> DNA
 <213> HUMAN

<220>
 <221> promoter
 <222> (1)...(597)

<221> mutation

<222> (582) ... (582)

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ggtgggcagc	tcagccgcac	cgctaagccc	ggccgcctcc	caggctggaa	tccctcgaca	300
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cccgcgccgc	ccggccccgc	cctgcccac	cctgccccgc	cctgccccgc	ccagccggcc	420
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cgacgggaag	acgggggccc	gtttggggtc	caggcaggtt	ttggggcctc	ctgtctggtg	540
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<210> 5

<211> 469

<212> DNA

<213> HUMAN

<220>

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<221> mutation

<222> (454) ... (454)

<400> 5

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gctcagccgc	atcgctaagc	ccggccgcct	cccaggtctg	aatccctcga	cacttgggtc	180
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gcccggcccc	gccctgcccc	accctgcccc	gccctgcccc	gcccagccgg	ccacctctta	300
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agacggggcc	ccgtttgggg	tccaggcagg	ttttggggcc	tcctgtcttg	tgggaggagg	420
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<210> 6

<211> 333

<212> DNA

<213> HUMAN

<220>

<221> promoter

<222> (1) ... (333)

<221> mutation

<222> (318) ... (318)

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gcacttgcca	gttggtccgg	acacatagaa	agataacgac	gggaagacgg	ggccccggtt	240

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 <212> DNA
 <213> HUMAN

<220>
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 <222> (1)...(303)

<221> mutation
 <222> (288)...(288)

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ccc	303

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 <212> DNA
 <213> HUMAN

<220>
 <221> promoter
 <222> (1)...(263)

<221> mutation
 <222> (248)...(248)

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gttgttccgg acacatagaa agataacgac gggaagacgg ggccccgttt ggggtccagg	180
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<220>
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 <222> (1)...(255)

<221> mutation
 <222> (240)...(240)

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<220>
<221> promoter
<222> (1)...(209)

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<220>
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<222> (1)...(202)

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gcacttgcca gttgttccgg ac 202

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<212> DNA
<213> HUMAN

<220>
<221> promoter
<222> (1)...(195)

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gcacttgcca gttgt 195

<210> 13
<211> 194
<212> DNA
<213> HUMAN

<220>
<221> promoter
<222> (1)...(194)

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<223> Single-stranded oligonucleotide primer sequence

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<210> 15
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<220>
<223> Single-stranded oligonucleotide primer sequence

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<210> 16
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> n equals inosine; Universal 5' RACE abridged
anchor primer

<400> 16
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 <400> 20
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 <210> 22
 <211> 24

<212> DNA
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 <223> Single-stranded oligonucleotide

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 <210> 23
 <211> 29
 <212> DNA
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 <220>
 <223> Single-stranded oligonucleotide

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 <210> 24
 <211> 29
 <212> DNA
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 <220>
 <223> Single-stranded oligonucleotide

 <400> 24
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 <210> 25
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 <212> DNA
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 <220>
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 <400> 25
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 <210> 26
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 <212> DNA
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 <220>
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 <400> 26
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<210> 27
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 <212> DNA
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 <220>
 <223> Single-stranded oligonucleotide

 <400> 27
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 <211> 29
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Single-stranded oligonucleotide

 <400> 29
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 <210> 30
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> EGFP-specific single-stranded oligonucleotide

 <400> 30
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 <210> 31
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 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> EGFP-specific single-stranded oligonucleotide

 <400> 31

6

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<221> misc_feature
<222> (0) ... (0)
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tcgcgg

Case	Age	Sex	Site	Pathologic	Survival
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2	68	M	Rectum	Adenocarcinoma	12 mo
3	70	M	Rectum	Adenocarcinoma	14 mo
4	72	M	Rectum	Adenocarcinoma	16 mo
5	74	M	Rectum	Adenocarcinoma	18 mo
6	76	M	Rectum	Adenocarcinoma	20 mo
7	78	M	Rectum	Adenocarcinoma	22 mo
8	80	M	Rectum	Adenocarcinoma	24 mo
9	82	M	Rectum	Adenocarcinoma	26 mo
10	84	M	Rectum	Adenocarcinoma	28 mo
11	86	M	Rectum	Adenocarcinoma	30 mo
12	88	M	Rectum	Adenocarcinoma	32 mo
13	90	M	Rectum	Adenocarcinoma	34 mo
14	92	M	Rectum	Adenocarcinoma	36 mo
15	94	M	Rectum	Adenocarcinoma	38 mo
16	96	M	Rectum	Adenocarcinoma	40 mo
17	98	M	Rectum	Adenocarcinoma	42 mo
18	100	M	Rectum	Adenocarcinoma	44 mo
19	102	M	Rectum	Adenocarcinoma	46 mo
20	104	M	Rectum	Adenocarcinoma	48 mo
21	106	M	Rectum	Adenocarcinoma	50 mo
22	108	M	Rectum	Adenocarcinoma	52 mo
23	110	M	Rectum	Adenocarcinoma	54 mo
24	112	M	Rectum	Adenocarcinoma	56 mo
25	114	M	Rectum	Adenocarcinoma	58 mo
26	116	M	Rectum	Adenocarcinoma	60 mo
27	118	M	Rectum	Adenocarcinoma	62 mo
28	120	M	Rectum	Adenocarcinoma	64 mo
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45	154	M	Rectum	Adenocarcinoma	98 mo
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47	158	M	Rectum	Adenocarcinoma	102 mo
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51	166	M	Rectum	Adenocarcinoma	110 mo
52	168	M	Rectum	Adenocarcinoma	112 mo
53	170	M	Rectum	Adenocarcinoma	114 mo
54	172	M	Rectum	Adenocarcinoma	116 mo
55	174	M	Rectum	Adenocarcinoma	118 mo
56	176	M	Rectum	Adenocarcinoma	120 mo
57	178	M	Rectum	Adenocarcinoma	122 mo
58	180	M	Rectum	Adenocarcinoma	124 mo
59	182	M	Rectum	Adenocarcinoma	126 mo
60	184	M	Rectum	Adenocarcinoma	128 mo
61	186	M	Rectum	Adenocarcinoma	130 mo
62	188	M	Rectum	Adenocarcinoma	132 mo
63	190	M	Rectum	Adenocarcinoma	134 mo
64	192	M	Rectum	Adenocarcinoma	136 mo
65	194	M	Rectum	Adenocarcinoma	138 mo
66	196	M	Rectum	Adenocarcinoma	140 mo
67	198	M	Rectum	Adenocarcinoma	142 mo
68	200	M	Rectum	Adenocarcinoma	144 mo
69	202				